

Machine Studies

Schedule for Run01-1, 2020 (includes Pre-studies)

Jan. 24th 0700 – Jan 31st 0800

Time	Descriptions	Studios	SR Status
	Fri, Jan. 24, 2020 (Pre-Studies)		
0700-0830	MPS Validations	Marty Smith/OPS/RF Group	Stored beam & injection
0830-1500	Set up injection at 7 GeV. Set up injection/orbit for 6GeV 324 singlets	Sajaev	Stored beam & injection
1500-2100	Condition RF cavities with beam to 150mA with 324 singlets at 6 GeV	OPS	Stored beam & injection
2100-2400	Lower current scraper studies -- Measure offsets - do LOCO	Emery, Dooling	Stored beam & injection
	Sat, Jan. 25, 2020 (Pre-studies)		
0000-0800	Find scraper position	Emery, Dooling	Stored beam & injection
0800-2400	Condition scraper with beam	Sajaev, Calvey, Harkay, Dooling	Stored beam & injection
	Sun, Jan. 26, 2020 (Pre-studies)		
0000-1000	Condition scraper with beam (if needed)		Stored beam & injection
1000-1800	Scraper beam dumps	Borland, Harkay, Lumpkin	Stored beam & injection
1800-2400	Wakefield testing (low current)	Borland, Lindberg, Dooling	Stored beam & injection
	Mon, Jan. 27 2020 (Pre-studies)		
0000-0200	Wakefield testing (low current)	Borland, Lindberg, Dooling	Stored beam & injection
0200-0630	Additional studies that have been approved by HP if time allows	??	Stored beam & inj.
0630-0700	Prepare for Zone F	OPS	No beam
0700-0800	FMS rack-out Zone F, Zone A& Dipole	FMS	No beam

	switchgear		
0800-2400	Prep to remove scraper, start bake-out	Multiple groups	No beam
1400-1500	PAR Qualification	Berkand, Fystro	No injection
	Tues, Jan 28, 2020 (Pre-studies)		
0000-1100	Bake-out ongoing/cooldown/prepare for Zone F closure	Vacuum group	No beam
1100-1400	Complete installation of spool piece	Multiple groups	No beam
1400-1600	HP shielding survey/tunnel search/ rack in switchgear	HP/OPS/FAC	No beam
1600-1800	Set-up 324 singlets, 7 GeV, 100mA and recover orbit	Emery/Sajaev	Stored beam & injection
1800-2200	Study at 19-BM (shutter permit needed)	19-BM	Stored beam
2200-2400	Condition with beam (24 singlets)	OPS	Stored beam & injection
	Wed, Jan. 28, 2020 (Pre-studies end at 08:00)		
0000-1400	Condition with beam (24 singlets)	OPS	Stored beam & inj.
1400-1700	BPLD validations	Hahne	Stored beam & inj.
1700-1800	X-ray BPM check-out	Hahne	Stored beam & occ. inj.
1800-2400	S25 Gas injection experiment	Calvey, et all	Stored beam & inj.
	Thursday, Jan 30, 2020		
0000-0300	S25 Gas injection experiment	Calvey, et all	Stored beam & inj.
0300-0400	Operator training (2300-0700)	Weyer/Orne	Stored beam & injection
0400-0900	Orbit recovery	Xiao	Stored beam & inj.
0900-1000	Operator training (0700-1500)	Grodeck/Berg	Limited inj.
1000-1100	Operator training (0700-1500)	LaBuda, Kimbro	Limited inj.
1100-1700	Final orbit/lattice setup	Emery Sajaev	Stored beam & inj.

1700-2000	Set-up bunch purity monitor/final pinhole camera setup	Calvey, Yang	Stored beam & inj.
2200-2400	Combined CPU/IEX checkout	Xiao	Stored beam & Occ. Inj.
	Friday, Jan 31, 2020		
0000-0630	Combined CPU/IEX checkout (continued)	Xiao	Stored beam & Occ. inj.
0630-0800	Prepare for User Operations (24 singlets)	OPS	Stored beam & inj.